

Regional Decision Team Site Information Consolidation Form

Form Completion Information

Name: Nick Magriples

Title: OSC

Date of site visit: May 16, 1997

Date of form completion: September 18, 1997

General Site Information

Site Name (aliases): Metem Corporation

Site Location: 700 Parsippany Road, Parsippany, New Jersey 07054

EPA ID Number: NJD002139244

Type of facility (i.e. Waste Processing, Manufacturing, Landfill, etc): Active manufacturing facility

NPL: No

PA/SI: Yes (EPA SI, 1993)

Score [Scoring information is confidential unless site is listed on the NPL]: 29.38
(PREScore)

Removal Action planned/ongoing/completed (describe): No

IA planned or ongoing at the site: No

Referring Agency: N/A (Backlog Site)

Site Description (include brief description of past/present operations on site, waste sources, and threats to human health and the environment): The site, located in Parsippany, Morris County, New Jersey, is a contract metalwork machining facility which manufactures nontraditional aerospace hardware and a wide variety of metal objects for large corporations. The facility, which is approximately 7.4 acres in size, has been in operation since 1968. An inspection of the site by the NJDEP in 1984 revealed numerous RCRA violations, including a spill in the drum storage area.

286957



State and/or local contact(s): N/A

Site Characteristics

Size of Property: 7.4 acres

Number and Size of Buildings: One-story building

Building Construction Type: Brick and metal frame

Other Building information: N/A

Condition of buildings: Unknown

Storm/Sanitary sewers/Floor drains: Unknown

Property characteristics: The site, which is relatively flat, consists of a building, a parking area, and an outside yard. Most of the site surface appears to be either pavement or a grass lawn. The immediate area around the site is entirely commercial/industrial. A small intermittent ditch flows from south to north on the west side of the site until it enters Eastman's Brook.

Ease and means of access: Access appears to be available to the yard at the rear of the facility in some locations.

Evidence of public entry: None

Enforcement Screening Information

A. Ownership

Current use of facility or property: Active

Current site owner: 700 Parsippany Associates (as of 1993)

Status of owner (Living, Deceased, Bankrupt etc.): Unknown

Address of owner: Unknown

Phone number: Unknown

Block/Lot number: Block 739, Lot 2

Latitude/Longitude: 40° 50' 43"/74°25'33"

B. Access

Access contact (address and phone number): Unknown

Access agreement in place: No

Access issues: N/A

C. Past/present enforcement:

Local: None

State: Numerous violations noted during an NJDEP inspection in 1984, including failure to file a RCRA Part A permit application. On January 2, 1985, Metem and the NJDEP entered into an ACO which allowed Metem to continue operations while it corrected violations and improved its waste handling procedures.

EPA: N/A

Other: N/A

D. Other Information

Potential waste generators or transporters associated with the business or site: Unknown.

Are any generators/transporters/customers mentioned in site file? If so, list:
None

Are there business records located at the site? If so, note number of cabinets, locked/unlocked, description of records, files in open view, etc.: Unknown

Drum/Container markings observed in any site reports/during site visit:
None visible.

Photographs available: Yes

List any other enforcement information which may be available in reports, which would identify owners/operators/generators/transporters: Metem Corporation is the operator of the facility (201-887-6635).

Names and addresses/phones of any employees on-site: N/A

Previous owner(s) and/or operator(s): Unknown

Neighboring businesses/residents in vicinity (addresses): Unknown

NPL-Caliber Screening Information

- A. Is there an observed release documented (with complete validated analytical data) or is a potential release suspected?

<u>Observed and documented</u>	<u>Observed w/OA issues</u>	<u>Suspected</u>	<u>Not Suspected</u>
GW	_____	<u>X</u>	_____
SW/Sed	<u>X</u>	_____	_____
Soil	<u>X</u>	_____	_____
Air	_____	_____	<u>X</u>

Brief description of specific observed release evidence for each pathway cited:

Elevated levels of chromium, cobalt, and nickel, and low levels of VOCs were found in the soil of the drum storage area and the sediments of a nearby stream. Chromium was also detected in a nearby wetland. The contaminants are significantly above background levels. At the time of the SI there were no monitoring wells at the site. Ground water contamination is suspected based on professional judgement. Contaminated waste oils were discharged to the ground in the past. The water table may be as shallow as seven feet below the ground surface.

Is there a contaminated drinking water supply well documented or suspected?

- _____ Documented with complete validated analytical data
_____ Contamination found with questions regarding QA/QC for the data
_____ Suspected [Is sampling recommended to document the suspected contamination
Yes _____ No _____]
X Not documented or suspected

Distance to nearest drinking water well(s): The nearest municipal water supply well is located approximately 1.1 miles north of the site and is 100 feet deep. This well is part of a blended system. The direction of ground water flow is generally southeast, but a local component may flow towards Lake Parsippany to the northwest.

Number of contaminated wells: N/A

Population served: N/A

Well Depth: N/A

Hazardous substance(s)/Max. concentrations: N/A

Comment: N/A

- B. Is there a contaminated surface water intake that is currently supplying drinking water to the public?

- _____ Documented with complete validated analytical data
_____ Contamination found with questions regarding QA/QC for the data
_____ Suspected [Is sampling recommended to document the suspected contamination
Yes _____ No _____]
X Not documented or suspected

Number of contaminated intakes/Level: N/A

Population served: N/A

Hazardous substance(s)/concentration: N/A

C. Is there a contaminated surface water, sensitive environment or wetland?

- ☒ Documented with complete validated analytical data
☐ Contamination found with questions regarding QA/QC for the data
☐ Suspected [Is sampling recommended to document the suspected contamination
Yes ☐ No ☒
☐ Not documented or suspected

Brief description (include length of wetland frontage, specific sensitive environment, potential receptors, and/or endangered species): The nearest down slope surface water, Eastman's Brook, is located approximately 700 feet north of the site. Adjacent to the site is a drainage ditch that discharges directly into Eastman's Brook. The ditch is located 50 feet from the drum storage area. There are an estimated six acres of palustrine wetland located 0.25 miles downstream of the site. The length of wetland frontage is not known.

D. Soil Contamination

- ☒ Documented with complete validated analytical data
☐ Contamination found with questions regarding QA/QC for the data
☐ Suspected [Is sampling recommended to document the suspected contamination
Yes ☐ No ☒
☐ Not documented or suspected

Distance to nearest residence: at least 1,000 feet

Number of people residing, attending school or day care within 200 feet of the site: None

Are there residences where soil is contaminated by substances attributable to the site: N/A

Number of contaminated residences: N/A

Population of those residences: N/A

Hazardous substance(s)/concentration(s): N/A

Number of workers at the site: 140

E. Is there any population that resides within an observed release to the air pathway?

- ☐ Documented with complete validated analytical data
☐ Contamination found with questions regarding QA/QC for the data
☐ Suspected [Is sampling recommended to document the suspected contamination
Yes ☐ No ☐
☒ Not documented or suspected

Population within one mile of the site: 5,000

Population subject to actual air contamination: N/A

Hazardous substance(s)/concentration: N/A

F. Is sampling recommended to document a suspected release or confirm documented contamination?

Yes X GW
 SW/Sed
 Air
 Soil

No

Brief Description of sampling recommended: N/A

H. Should the site be considered a high priority site for immediate NPL inclusion?

 Yes
 Reason: N/A

 X No

Risk Screening Information

A. Significant Site Data

Soil (1993)	<u>Hazardous Substance Detected</u>	<u>Maximum Concentration (ppb)</u>
	Acetone	21E
	1,1-dichloroethane	5J
	2-Butanone	22E
	1,1,1-trichloroethane	11J
	Tetrachloroethene	2J
	Ethylbenzene	2
	<u>Hazardous Substance Detected</u>	<u>Maximum Concentration (ppm)</u>
	Chromium	1,320
	Cobalt	1,600
	Copper	1,160
	Nickel	4,460

Sediment (1993)	<u>Hazardous Substance Detected</u>	<u>Maximum Concentration (ppb)</u>
	Vinyl chloride	22E
	Chloroethane	250E
	Acetone	140
	Carbon disulfide	48
	1,1-dichloroethene	80E
	1,1-dichloroethane	400E
	2-butanone	26E
	1,1,1-trichloroethane	260E
	Trichloroethene	32E
	Tetrachloroethene	9J
	<u>Hazardous Substance Detected</u>	<u>Maximum Concentration (ppm)</u>
	Chromium	579
	Cobalt	348
	Copper	56
	Nickel	345

E- Estimated value

**J - estimated value, compound present below
CRDL, but above IDL**

B. Exposure Pathways

Is there an actual exposure: No

List Pathways: N/A

Is there a potential exposure: Yes

List Pathways: Ingestion of ground water

C. Risk Evaluation and Characterization

Are there exceedances of standard comparison values: Yes

Acute Exposure (Reference IDLH, ATSDR Acute EMEG/MRL): No

Sub-acute Exposure (Reference RALs, ATSDR Intermediate EMEG/MRL): No

Chronic Exposure (Reference Risk based PRG, EPA CREG, ATSDR Chronic EMEG/MRL, SSLs, MCLs): SSLs (ground water migration pathway) exceeded for chromium and nickel.

Ecological Exposure (Reference Ecological Toxicity Threshold Levels for Surface

Water and Sediment): N/A

D. ATSDR Health Consultation

Date Provided: Not requested

Conclusion: N/A

E. Ecological Toxicity Evaluation (EPA risk assessment and/or BTAG review)

Date Provided: Not requested

Conclusion: N/A

Overall Discussion/Recommendations

Removal eligibility: Based on the available information, Metem Corporation does not appear to be eligible for a CERCLA Removal Action at this time.

Recommendations: It is recommended that ground water samples be collected at this site in order to determine if there has been a release to the aquifer.